

Converting Colors

CIELCh(92, 41.783, 189.042)

Have a look what the booklet for
CIELCh(92, 41.783, 189.042)
contains.

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Color

CIELCh(92, 41.734, 188.910)

Conversions

Conversions Part 1

Format	Color
Hex	6EFEF3
RGB	110, 254, 243
RGB Percent	43%, 100%, 95%
CMY	0.5684, 0.0037, 0.0469
CMYK	0.57, 0.00, 0.04, 0.00
HSL	175°, 99%, 71%
HSV	175°, 57%, 100%
XYZ	58.0774, 80.7044, 97.3459
YIQ	209.6900, -82.2930, -33.9490

Conversions

Conversions Part 2

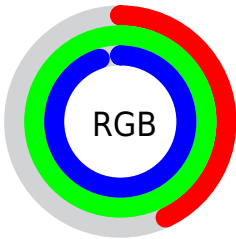
Format	Color
R_{YB}	110, 185, 254
Decimal	7274227
CIE _{Lab}	92.00, -41.23, -6.46
CIE _{LCh}	92, 41.734, 188.910
Yxy	80.7044, 0.2460, 0.3418
Android (android.graphics.Color)	4285464307 (0xFF6EFEF3)
YUV	209.6900, 16.4218, -87.4281
Hunter-Lab	89.8356, -41.8148, -1.3617

Details

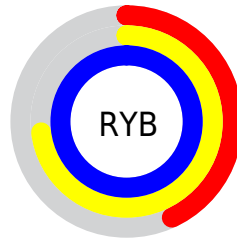
The CIELCh color **92, 41.734, 188.910** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **65, 59.843, 21.339**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.937, 197.818**, and **72, 41.840, 188.741** is the 20% darker color. If you saturate the color by 10%, you get **91, 46.225, 188.128**, and if you desaturate by 10%, it is **93, 36.190, 189.665**.

Distribution



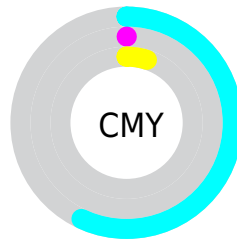
- Red (43%)
- Green (100%)
- Blue (95%)



- Red (43%)
- Yellow (73%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 41.734, 188.910 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 92, 41.734, 188.910 by changing the saturation by 10% instead.


 92, 41.734,
188.910


 92, 41.734,
188.910


 100, 41.734,
188.910


 82, 41.734,
188.910

 72, 41.734,
188.910

 62, 41.734,
188.910

 52, 41.734,
188.910

 42, 41.734,
188.910

 32, 41.734,
188.910

 22, 41.734,

188.910

■ 12, 41.734,
188.910

■ 2, 41.734, 188.910

■ 92, 41.734,
188.910

■ 92, 41.734,
188.910

■ 91, 46.225,
188.128

■ 93, 36.190,
189.665

■ 91, 49.613,
187.308

■ 94, 29.693,
190.409

■ 90, 51.921,
186.432

■ 95, 22.378,
191.149

■ 90, 53.261,
185.486

■ 97, 14.395,
191.897

90, 53.584,
185.163

98, 5.894, 192.695
100, 0.478,
334.339

100, 0.600,
323.946

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



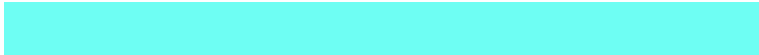
92, 41.734, 188.910



65, 59.843, 21.339

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 41.734, 188.910



92, 41.734, 238.910



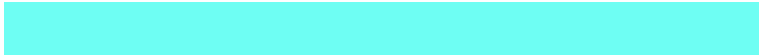
92, 41.734, 8.910



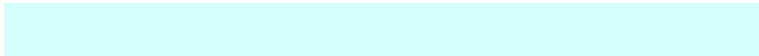
92, 41.734, 58.910

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



92, 41.734, 188.908



97, 14.705, 191.873



90, 85.094, 137.979



51, 9.784, 191.721



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 41.734, 188.908



92, 46.874, 188.021



76, 38.273, 256.882



52, 5.004, 192.455



70, 43.221, 185.339



24, 19.695, 186.587

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65, 59.843, 21.339



60, 72.767, 24.825



77, 49.884, 60.045



50, 5.271, 13.771



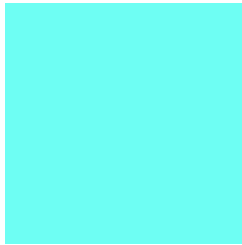
40, 81.054, 37.066



10, 32.767, 24.090

Previews

White Background



This preview shows how the CIE LCh color 92, 41.734, 188.910 looks on a white background.

Color Contrast Check

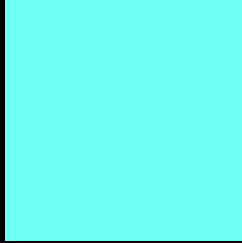
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 41.734, 188.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

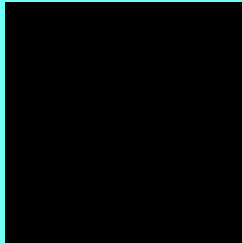
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 41.734, 188.910

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.734, 188.910.



This preview shows how white text looks on a background with the CIELCh color 92, 41.734, 188.910.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



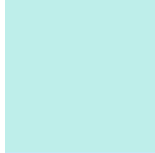


Tritanopia
92, 22.018, 216.083

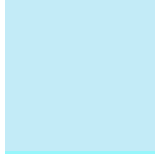
Trichromacy



Original Color
92, 41.734, 188.910



Protanomaly
91, 16.397, 191.042



Deuteranomaly
91, 14.465, 224.278

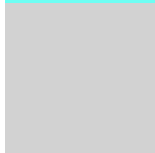


Tritanomaly
91, 29.119, 202.758

Monochromacy



Original Color
92, 41.734, 188.910



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 17.762, 191.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.734, 188.910 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 254, 243)` looks like.

```
.text, #text, p{  
    color:rgb(110, 254, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 254, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 254, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.734, 188.910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 254, 243) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 254, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(110, 254, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 254, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 254, 243);  
box-shadow:4px 4px 4px 4px rgb(110, 254,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.734, 188.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 254, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
254, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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